

**ABSTRACT**

Demountable reel, of those that comprise a hollow cylindrical central body formed by two identical semi-cylindrical halves by a diametral plane and  
5 by two essentially flat discs, of greater diameter and equipped with central openings, arranged on the bases of the hollow cylindrical central body, the semi-cylindrical halves having flanges projected transversally inwards or outwards on the rims of their bases, and each disc being equipped, on its inner face, with an annular groove which defines a discontinuous guide rail  
10 adapted to removably receive the flanges of one of the ends of the semi-cylindrical halves of the hollow cylindrical central body, each one of the segments of the guide rail and/or the flanges having a progressively variable section, causing, when the hollow cylindrical central body is rotated in relation to the discs in a movement similar to winding, that the clearance between the  
15 flanges and the walls of the guide rail which houses them is progressively reduced until it disappears, all the flanges being simultaneously wedged to the guide rail, just having to rotate said central body in the opposite direction to be able to separate the discs.